

INTERNATIONAL SEARCH REPORT

10/539901

International Patent No. PCT/IB 03/05694

16 JUN 2005

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H05B41/282

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/014865 A1 (AKIMOTO KATSUhide ET AL) 7 February 2002 (2002-02-07) page 1, paragraph 2 -page 6, paragraph 69; figures 1-7	1-4
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 03, 30 March 2000 (2000-03-30) -& JP 11 354857 A (NIPPON SOKEN INC;DENSO CORP), 24 December 1999 (1999-12-24) cited in the application abstract; figures 1,2	1,2,5

	---/---	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

4 March 2004

Date of mailing of the international search report

16/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Albertsson, E

INTERNATIONAL SEARCH REPORT

International Publication No
PCT/IB 03/05694

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KAKEHASHI H ET AL: "Electronic ballast using piezoelectric transformers for fluorescent lamps"</p> <p>POWER ELECTRONICS SPECIALISTS CONFERENCE, 1998. PESC 98 RECORD. 29TH ANNUAL IEEE FUKUOKA, JAPAN 17-22 MAY 1998, NEW YORK, NY, USA, IEEE, US, 17 May 1998 (1998-05-17), pages 29-35, XP010294946</p> <p>ISBN: 0-7803-4489-8</p> <p>cited in the application abstract; figures 1-10</p> <p>---</p>	1
A	<p>US 6 285 136 B1 (FUKAGAWA YASUHIRO ET AL)</p> <p>4 September 2001 (2001-09-04)</p> <p>---</p>	
A	<p>US 6 353 278 B1 (FUJII AKIRA ET AL)</p> <p>5 March 2002 (2002-03-05)</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

International Publication No
PCT/IB 03/05694

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002014865 A1	07-02-2002	JP 2002063993 A DE 10127783 A1 FR 2810190 A1	28-02-2002 13-12-2001 14-12-2001
JP 11354857 A	24-12-1999	NONE	
US 6285136 B1	04-09-2001	JP 2000268988 A DE 10013147 A1 FR 2791219 A1	29-09-2000 21-09-2000 22-09-2000
US 6353278 B1	05-03-2002	JP 2000332316 A DE 10013149 A1	30-11-2000 16-11-2000